

**NAVAL AIR WARFARE CENTER, TRENTON, NJ**  
**Groundwater Treatment Facility Operations And Maintenance**  
**MONTHLY REPORT**

**March 1996**

- |    |   |                     |
|----|---|---------------------|
| 1. | Total volume of groundwater pumped for the month. | <u>416,600 gal.</u> |
| 2. | Total number of shutdowns for the month           | <u>8</u>            |
|    | Shutdown details listed below.                    |                     |

Four shutdowns were due to excessive pressure differential across the bag filter unit, which was corrected by changeout of the bag filter. One shutdown was due to excessive pressure differential across the sand filter. The sand filter is currently being bypassed until biological analyses are conducted. Three shutdowns occurred due to a failed relay in the control panel. The relay was replaced on March 20, 1996.

- |    |   |          |
|----|---|----------|
| 3. | Total liquid phase carbon changeouts for the month. | <u>0</u> |
|----|---|----------|

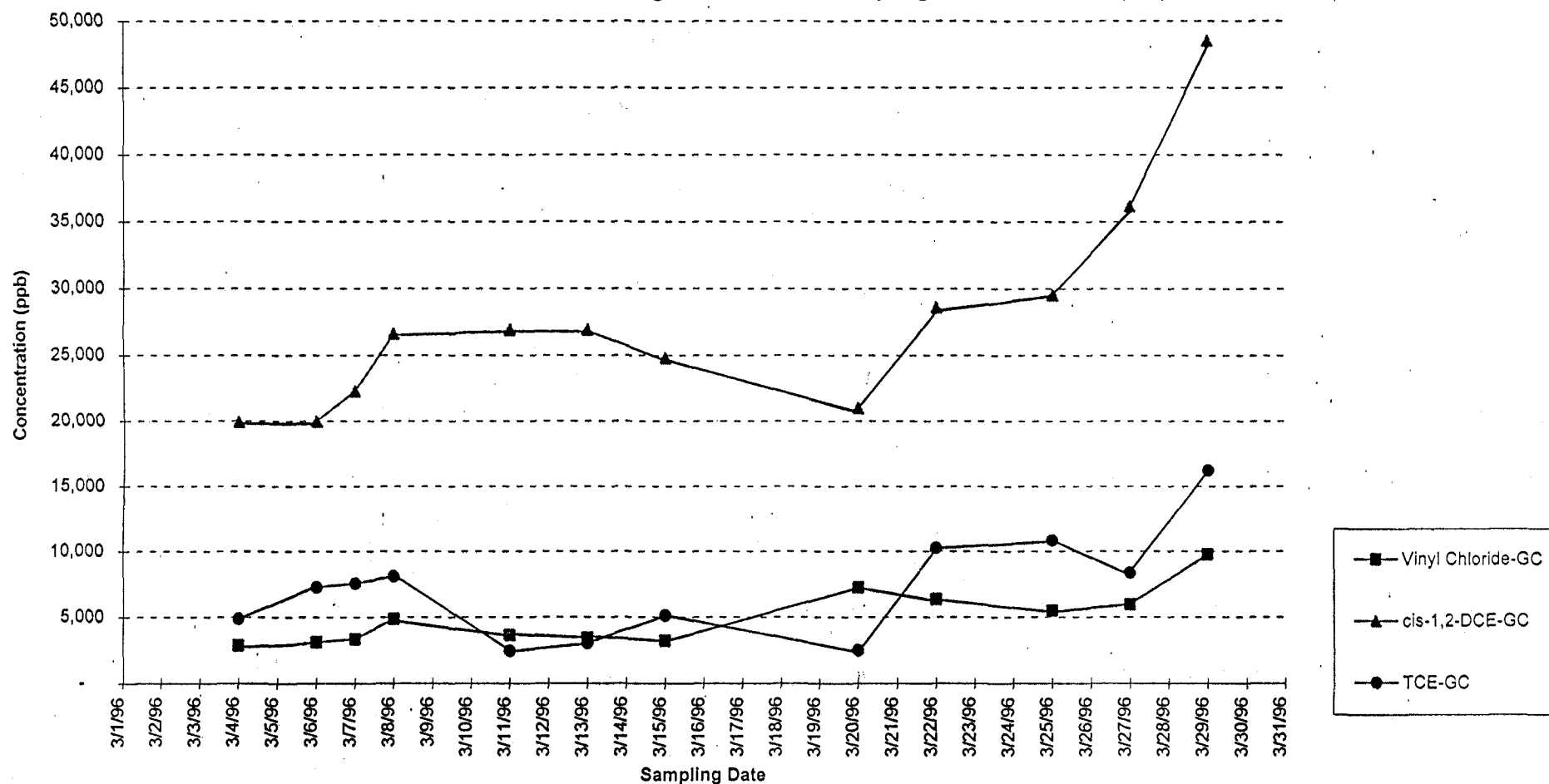
**NOTES:**

1. The influent pH of the system was not adjusted due to iron results that were below ELSA discharge requirements.
2. After it is unclogged the sand filter will return to service.
3. Treated groundwater was discharged to ELSA beginning March 4, 1996.

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Groundwater Treatment System

March 1996 Volatile Organics Results - Sampling Point 1 - Influent (GC)



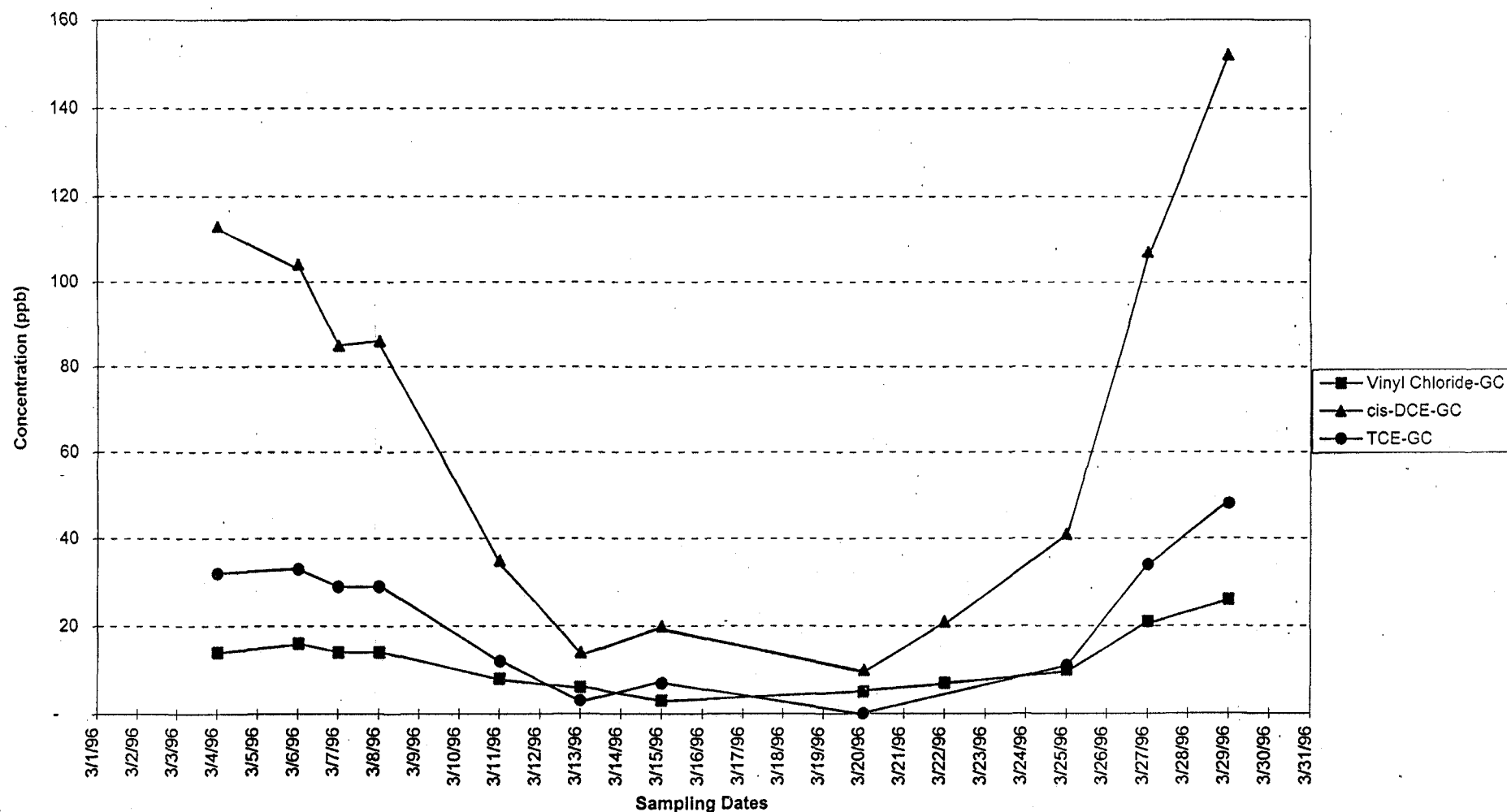
Note: Only data points are valid - all lines are extrapolations only.

Results for trans-1,2-DCE were consistently non-detect for the month of March.

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## March 1996 Volatile Organics Results - Sampling Point 7 - Post Carbon Unit 1

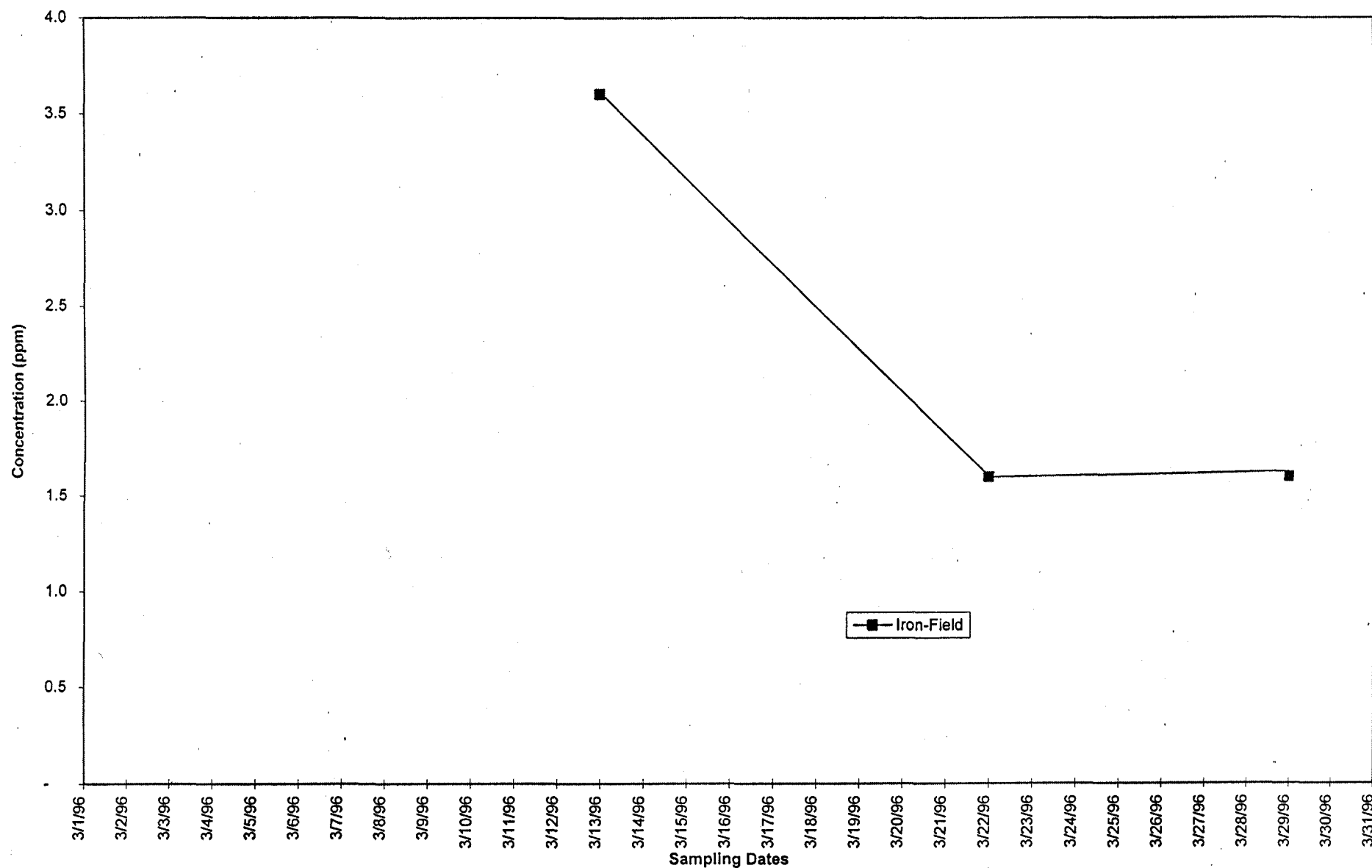


Note: Only data points are valid - all lines are extrapolations only.

Two Vinyl Chloride results (2 ppb and 5 ppb) for Sampling Point 8 (Post Carbon Unit 2) were observed in March. Effluent results were consistently Non-Detect for the month of March. Results for trans-1,2-DCE were non-detect for the month of March.

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March 1996 Iron Results - Sampling Point 1 - Influent (Hach Field Test)

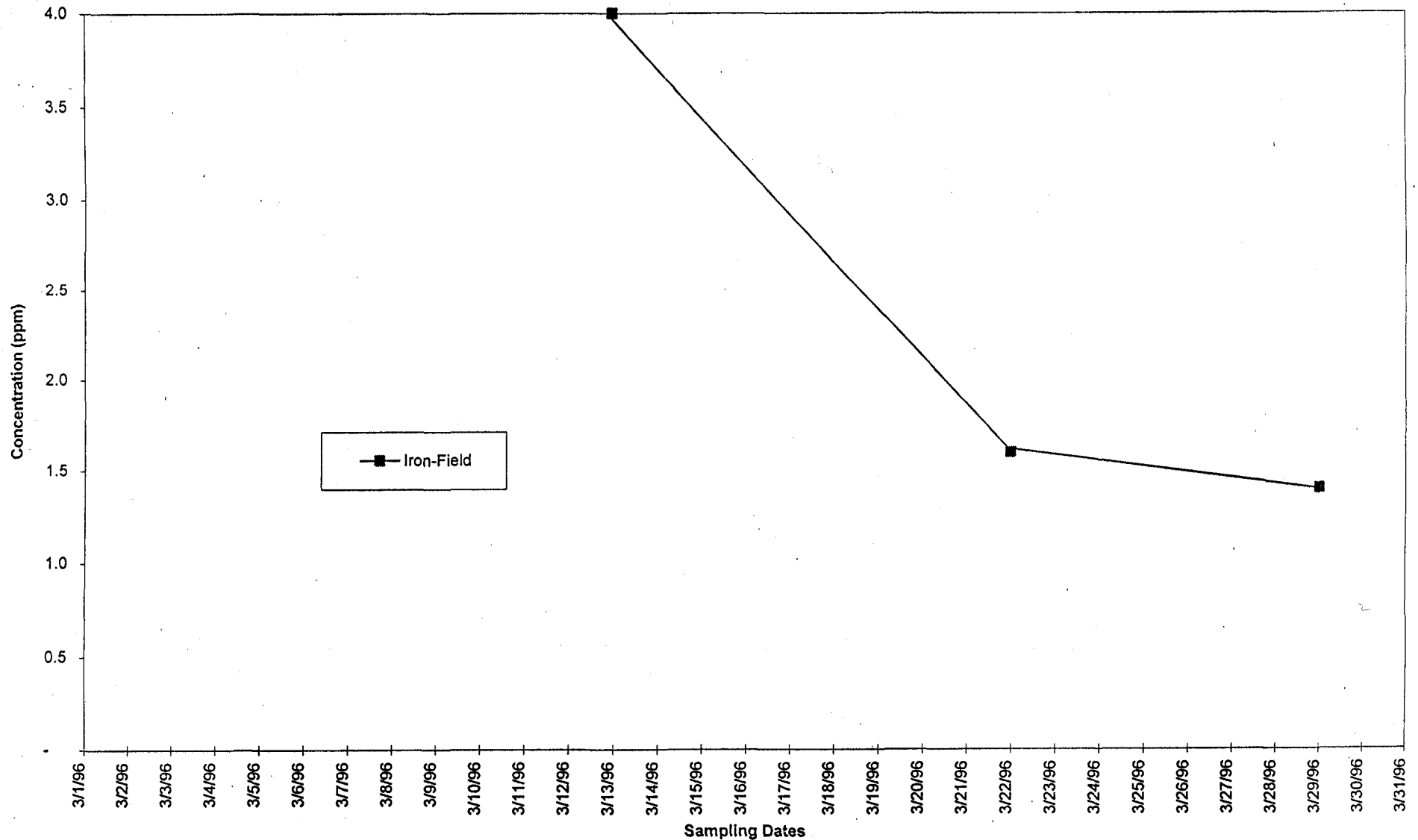


Note: Only data points are valid - all lines are extrapolation only.

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March 1996 Iron Results - Sampling Point 4 - Sand Filter Influent (Field Test)



Note: Only data points are valid - all lines are extrapolations only.